

ABSTRACT

An access method for a multi-layer holographic recording medium which method enables rapid access to the recording position of desired data. In a multi-layer holographic recording medium 16, data pages formed by two-dimensionally arranging a plurality of data blocks for recording data are angle-multiplex-recorded in respective holographic recording layers. In a multi-layer holographic memory reproducing apparatus 10, a data block is accessed based on a layer number assigned to each of the holographic recording layers, a number assigned to each of data pages in each of the holographic recording layers, and a number assigned to each of data blocks in each of the data pages.